

U. S. ENVIRONMENTAL PROTECTION AGENCY

POLLUTION REPORT

DATE: November 18, 1987

Region II
Response and Prevention Branch
Edison, New Jersey 08837

(201) 548-8730 - Commercial & FTS
24 Hour Emergency

TO: C. Daggett, EPA
S. Luftig, EPA
R. Salkie, EPA
F. Rubel, EPA
J. Marshall, EPA
ERD Washington
J. Czapor, EPA
G. Zachos, EPA
B. Sprague, EPA
J. Trela, NJDEP
A. Cavalier, NJDEP
M. Zalowski, NJDEP
A. Zach, City of Newark
TAT

POLREP NO.: Twenty-four (24)
INCIDENT/SITE NO.: Arkansas Chemical Company/T9
POLLUTANT: Textile chemicals and intermediates
CLASSIFICATION: Major
SOURCE: Abandoned chemical facility
LOCATION: Newark, New Jersey
AMOUNT: 20,000 containers of various chemicals,
1500 drums (600 empty), 87 indoor and
outdoor tanks of which less than ten hold
oil, acid, and unknowns
WATER BODY: None

1. SITUATION

- A. The Arkansas Chemical Company produced textile and other specialty chemicals at its Newark facility until it was abandoned in 1983. Abandoned on this site are a two-story office/laboratory building (Bldgs. 25/30), a machine shop (Bldg. 26), a small chemical processing building (Bldg. 27), a large four-story chemical process building (Bldg. 28), a boiler room/tank house (Bldgs. 16 & 16B), a storage building (Bldg. 24), and two sheds (S1 & S2). About 1500 drums and 20,000 small containers of chemicals exist in these buildings. In addition, there are approximately 17 aboveground storage tanks and 70 process tanks/reaction vessels.

433274



2. ACTION TAKEN:

- A. To date, the following materials have been transferred to bulking chambers with the corresponding empty drums being staged in building 24 awaiting decontamination and shredding:
- 1) base/neutral liquids (approx. 27% of waste streams)
 - 2) flammable and organic liquids (approx. 15% of waste streams)
 - 3) oxidizer liquids (with base/neutral liquids) (approx. < 1%)

ERCS continues with bulking of liquid wastes into the waste streams previously identified.

- B. Chem Waste Management and ERCS have completed the lab packing operation. A total of 604-16 gallon fiber packs were used. ERCS has maintained a computerized data base to track the progress of this operation. All fiber packs are being transported to the Trade Waste Incineration Facility Sauget, Illinois. Nineteen of the containers found in the laboratories were not lab packed because of their dangerous nature. ERCS will arrange for an alternate disposal method.
- C. ERCS has completed wrapping the asbestos in bldg. 28 except for those areas where staged drums make asbestos material inaccessible (1st. floor 28/28B). The asbestos not wrapped thus far will be completed once the staged drums have been bulked. The asbestos covering the tanks and process vessels will be removed by a subcontractor once the lasering of the floors has been completed.
- D. On Tuesday, November 17, 1987, ERCS' Site HSO and Regional HSO began asbestos air sampling in building 28.
- E. EPA/TAT and ERCS continue to enter 1900-55 data into the Removal Cost Management System (RCMS). RCMS is now on line and is being used to track daily costs incurred throughout the removal action.

3. FUTURE PLANS AND RECOMMENDATIONS:

- A. ERCS' Health and Safety Officer will continue air monitoring and sampling (including asbestos air sampling).
- B. EPA will continue to provide 24 hour site security.
- C. An approved subcontractor will perform on-site decontamination and shredding of the empty drums following the completion of the bulking operation.
- D. EPA and TAT will evaluate the bids submitted by subcontractors for decontaminating the floors of building 28 using a high pressure water system.

- E. ERCS will analyze the remaining waste streams for disposal.
- F. ERCS will complete air sampling for asbestos in buildings 28B, 24 and 18 and will take background air samples as well.

4. FINANCIAL ACCOUNTING:

| | |
|---|--------------|
| A. Total Project Ceiling Authorized | \$ 1,966,009 |
| B. Mitigation Contract Ceiling | \$ 1,598,009 |
| C. Expenditures for Mitigation Contracts | |
| 1. a. Amount obligated to ERCS contractor for Delivery Orders #6893-02-073 and #7445-02-008 (DCNs KCS - 361, 629, 633, 710, 726, 730, KE - 0001, 0027) as of November 18, 1987. | \$ 1,025,380 |
| 1. b. Amount de-obligated due to contract rollover | \$ 1,991 |
| 1. c. Total amount obligated to date | \$ 1,023,389 |
| 1. d. Estimated mitigation expenditures as of November 18, 1987 | \$ 812,864 |
| 1. e. Balance Remaining | \$ 212,516 |
| D. Unobligated Balance Remaining | \$ 572,629 |
| E. Estimate of Total Expenditures to Date for All Mitigation Contracts | \$ 812,864 |
| F. Other Extramural Costs as of November 18, 1987 | |
| 1. a. TAT Salary/Travel (estimated) | \$ 63,508 |
| b. Analytical Costs | \$ 6,628 |
| G. Intramural Costs as of November 18, 1987 | |
| 1. a. EPA Salary/Travel (estimated) | \$ 34,850 |
| H. Total Expenditures | \$ 917,850 |
| Percent of Total Project Ceiling | 46.7% |
| Percent of \$2 Million | 45.9% |

FINAL POLREP _____ FURTHER POLREPS FORTHCOMING ☒ SUBMITTED BY: Mark P. Pane
Mark P. Pane, OSC
Response and
Prevention Branch

DATE RELEASED: NOVEMBER 20, 1987